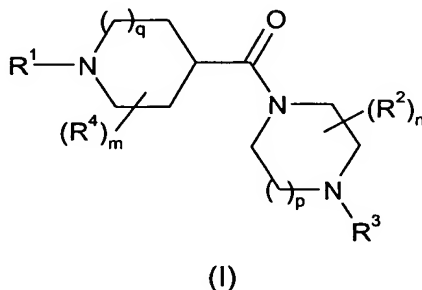


Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

What is claimed is:

1. (Currently Amended) A compound of formula (I) or a pharmaceutically acceptable salt or solvate thereof:



wherein:

R¹ represents aryl, heteroaryl, -aryl-X-C₃₋₇ cycloalkyl, -heteroaryl-X-C₃₋₇ cycloalkyl, -aryl-X-aryl, -aryl-X-heteroaryl, -aryl-X-heterocyclyl, -heteroaryl-X-heteroaryl, -heteroaryl-X-aryl or -heteroaryl-X-heterocyclyl;

wherein said aryl, heteroaryl and heterocyclyl groups of R¹ may be optionally substituted by one or more ~~(eg. 1, 2 or 3)~~ substituents which may be the same or different, and which are selected from the group consisting of halogen, hydroxy, cyano, nitro, oxo, haloC₁₋₆ alkyl, polyhaloC₁₋₆ alkyl, haloC₁₋₆ alkoxy, polyhaloC₁₋₆ alkoxy, C₁₋₆ alkyl, C₁₋₆ alkoxy, C₁₋₆ alkylthio, C₁₋₆ alkoxyC₁₋₆ alkyl, C₃₋₇ cycloalkylC₁₋₆ alkoxy, -COC₁₋₆ alkyl, -COC₁₋₆ alkyl-halogen, -COC₁₋₆ alkyl-cyano, C₁₋₆ alkoxycarbonyl, C₁₋₆ alkylsulfonyl, C₁₋₆ alkylsulfinyl, C₁₋₆ alkylsulfonyloxy, C₁₋₆ alkylsulfonylC₁₋₆ alkyl, C₁₋₆ alkylsulfonamidoC₁₋₆ alkyl, C₁₋₆ alkylamidoC₁₋₆ alkyl, aryl, arylsulfonyl, arylsulfonyloxy, aryloxy, arylsulfonamido, arylcarboxamido, aroyl, ~~or a group~~ NR¹⁵R¹⁶, -CONR¹⁵R¹⁶, -NR¹⁵COR¹⁶, -C(R¹⁵)=NOR¹⁶, -NR¹⁵SO₂R¹⁶ ~~or~~ and -SO₂NR¹⁵R¹⁶, wherein R¹⁵ and R¹⁶ independently represent hydrogen or C₁₋₆ alkyl or together form a heterocyclic ring;

X represents a bond, O, CO, SO₂, OCH₂ or CH₂O;

each R² and R⁴ independently represents C₁₋₄ alkyl;

R³ represents C₃₋₈ alkyl, C₃₋₆ alkenyl, C₃₋₆ alkynyl, C₃₋₆ cycloalkyl, C₅₋₆ cycloalkenyl or -C₁₋₄alkyl-C₃₋₆ cycloalkyl;

wherein said C₃₋₆ cycloalkyl groups of R³ may be optionally substituted by one or more ~~(eg. 1, 2 or 3)~~ substituents which may be the same or different, and which are selected from the group consisting of halogen, C₁₋₄ alkyl ~~or~~ and trifluoromethyl groups;

m and n independently represent 0, 1 or 2;

p and q independently represent 1 or 2;

or a ~~pharmaceutically acceptable salt~~ solvate thereof.

2. (Original) A compound of formula (I) as defined in claim 1 wherein R¹ represents

-aryl optionally substituted by 1, 2 or 3 halogen, C₁₋₆ alkyl, polyhaloC₁₋₆ alkyl, C₁₋₆ alkoxy, polyhaloC₁₋₆ alkoxy, -COC₁₋₆ alkyl, -C(R¹⁵)=NOR¹⁶, -NR¹⁵COR¹⁶, -COC₁₋₆ alkyl-halogen, -COC₁₋₆ alkyl-cyano, cyano or C₁₋₆ alkoxycarbonyl groups;

-aryl-X-C₃₋₇ cycloalkyl;

-aryl-X-aryl;

-aryl-X-heterocyclyl optionally substituted by 1, 2 or 3 halogen or oxo groups;

-aryl-X-heteroaryl optionally substituted by a C₁₋₆ alkyl or aryl group;

-heterocyclyl optionally substituted by 1, 2 or 3 C₁₋₆ alkyl or -COC₁₋₆ alkyl

groups;

heteroaryl optionally substituted by 1, 2 or 3 cyano, halogen, polyhaloC₁₋₆ alkyl, C₁₋₆ alkyl, C₁₋₆ alkoxy, C₁₋₆ alkoxycarbonyl or -CONR¹⁵R¹⁶ groups;

-heteroaryl-X-aryl optionally substituted by 1, 2 or 3 cyano or C₁₋₆ alkylsulfonyl groups;

-heteroaryl-X-heterocyclyl; or

-heteroaryl-X-heteroaryl.

3. (Original) A compound of formula (I) as defined in claim 2 wherein R¹ represents

phenyl, naphthyl or indanone optionally substituted by 1, 2 or 3 halogen, C₁₋₆ alkyl, polyhaloC₁₋₆ alkyl, C₁₋₆ alkoxy, polyhaloC₁₋₆ alkoxy, -COC₁₋₆ alkyl, -C(R¹⁵)=NOR¹⁶, -NR¹⁵COR¹⁶, -COC₁₋₆ alkyl-halogen, -COC₁₋₆ alkyl-cyano, cyano or C₁₋₆ alkoxycarbonyl groups;

-phenyl-CO-cyclopropyl or -phenyl-CO-cyclobutyl;

-phenyl-thiazolyl, -phenyl-oxadiazolyl, -phenyl-pyrrolyl, -phenyl-oxazolyl or -phenyl-isoxazolyl optionally substituted by a C₁₋₆ alkyl or aryl group; or

pyridyl, pyrimidyl, pyrazinyl, pyridazinyl, quinolinyl, isoquinolinyl or benzothiazolyl optionally substituted by 1, 2 or 3 cyano, halogen, polyhaloC₁₋₆ alkyl, C₁₋₆ alkyl, C₁₋₆ alkoxy, C₁₋₆ alkoxycarbonyl or -CONR¹⁵R¹⁶ groups.

4. (Original) A compound of formula (I) as defined in claim 3 wherein R¹ represents

phenyl optionally substituted by 1, 2 or 3 halogen, polyhaloC₁₋₆ alkyl, -NR¹⁵COR¹⁶, -COC₁₋₆ alkyl or cyano groups;

-phenyl-CO-cyclopropyl;

-phenyl-oxadiazolyl or -phenyl-oxazolyl optionally substituted by a C₁₋₆ alkyl or aryl group; or

pyridyl, pyrimidyl, pyrazinyl, pyridazinyl or quinolinyl optionally substituted by 1, 2 or 3 halogen, polyhaloC₁₋₆ alkyl, C₁₋₆ alkyl or cyano groups.

5. (Original) A compound of formula (I) as defined in claim 4 wherein R¹ represents

phenyl optionally substituted at the 4-position by a -COMe, -COEt or cyano group; or
pyridyl or quinolinyl optionally substituted by a methyl or CF₃ group.

6. (Original) A compound of formula (I) as defined in claim 5 wherein R¹ represents
- 6-CF₃-pyridin-3-yl.

7. (Currently Amended) A compound of formula (I) as defined in ~~any one of claims 1 to 6~~ claim 1 wherein X represents a bond, O or CO.

8. (Original) A compound of formula (I) as defined in claim 7, wherein X represents a bond or CO.

9. (Currently Amended) A compound of formula (I) as defined in ~~any one of claims 1 to 8~~ claim 1 wherein m represents 0.

10. (Currently Amended) A compound of formula (I) as defined in ~~any one of claims 1 to 9~~ claim 1 wherein n represents 0, 1 or 2.

11. (Original) A compound of formula (I) as defined in claim 10 wherein n represents 0 or 1.

12. (Currently Amended) A compound of formula (I) as defined in claim 10 ~~or claim 11~~ wherein R² represents methyl.

13. (Original) A compound of formula (I) as defined in claim 11 wherein n represents 0.

14. (Currently Amended) A compound of formula (I) as defined in ~~any one of claims 1 to 13~~ claim 1 wherein q represents 1.

15. (Currently Amended) A compound of formula (I) as defined in ~~any one of claims 1 to 14~~ claim 1 wherein R³ represents C₃₋₈ alkyl or C₃₋₆ cycloalkyl.

16. (Original) A compound of formula (I) as defined in claim 15 wherein R³ represents isopropyl, isobutyl or cyclobutyl.

17. (Original) A compound of formula (I) as defined in claim 16 wherein R³ represents isopropyl or cyclobutyl.

18. (Original) A compound of formula (I) as defined in claim 17 wherein R³ represents isopropyl.

19. (Currently Amended) A compound of formula (I) as defined in claim 1 which is a compound of E1-E198 or a pharmaceutically acceptable salt or solvate thereof.

20. (Currently Amended) A compound of formula (I) as defined in claim 1 which is 1-Isopropyl-4-[1-(5-cyano-pyridin-2-yl)-piperidine-4-carbonyl]-piperazine;
1-Isopropyl-4-[1-(5-methoxycarbonyl-4-trifluoromethylpyridin-2-yl)-piperidine-4-carbonyl]-piperazine;
1-Isopropyl-4-[1-(4-ethoxycarbonylphenyl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(4-cyanophenyl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(4-cyano-3-fluorophenyl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(4-cyano-2,6-difluorophenyl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(4-cyano-3-trifluoromethylphenyl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(4-cyano-naphthalen-1-yl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(5-cyanopyridin-2-yl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(6-trifluoromethylpyridin-2-yl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(5-trifluoromethylpyridin-2-yl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(3-chloro-5-trifluoromethylpyridin-2-yl)-piperidine-4-carbonyl]-piperazine;
1-Isopropyl-4-[1-[5-(4-methylsulfonylphenyl)-pyrimidin-2-yl]-piperidine-4-carbonyl]-piperazine;
1-Isopropyl-4-[1-[4-(morpholino-carbonyl)-phenyl]-piperidine-4-carbonyl]-piperazine;
1-Cyclopentyl-4-[1-(4-cyano-phenyl)-piperidine-4-carbonyl]-piperazine;
(2*R*,6*S*)-1-Cyclobutyl-4-[1-(4-cyanophenyl)-piperidine-4-carbonyl]-2,6-dimethylpiperazine;
1-Isopentyl-4-[1-(5-cyano-pyridin-2-yl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(4-cyanophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Cyclobutyl-4-[1-(5-cyanopyridin-2-yl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-cyano-2,5-difluorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-cyano-3-chlorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-cyano-3-fluoro-phenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-cyano-2,6-difluoro-phenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;

1-Isopropyl-4-[1-(4-cyano-2-fluoro-phenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-cyano-3-trifluoromethyl-phenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-trifluoromethyl-phenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-cyano-naphthalen-1-yl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(3,4-dichlorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-trifluoromethoxyphenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-difluoromethoxyphenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-phenoxyphenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(6-methoxypyridin-3-yl)-piperidine-4-carbonyl]-[1,4]-diazepane; 1-Isopropyl-4-[1-(4-cyano-2,3-difluorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-cyano-2-chlorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Cyclobutyl-4-[1-(4-cyano-2-chlorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Cyclobutyl-4-[1-(4-cyano-3-chlorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Cyclobutyl-4-[1-(4-cyano-3-fluorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Cyclobutyl-4-[1-(4-cyano-3-trifluoromethylphenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Cyclobutyl-4-[1-(4-cyano-2,5-difluorophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
(S)-1-Isopropyl-4-[1-(4-cyanophenyl)-piperidine-4-carbonyl]-2-methylpiperazine;
(S)-1-Isopropyl-4-[1-(6-cyanopyridin-3-yl)-piperidine-4-carbonyl]-2-methylpiperazine;
(S)-1-Isopropyl-4-[1-(5-cyanopyridin-2-yl)-piperidine-4-carbonyl]-2-methylpiperazine;
(S)-1-Isopropyl-4-[1-(5-trifluoromethyl-pyrazin-2-yl)-piperidine-4-carbonyl]-2-methyl piperazine;
(S)-1-Isopropyl-4-[1-(6-trifluoromethyl-pyridazin-3-yl)-piperidine-4-carbonyl]-2-methyl piperazine;
1-Isopropyl-4-{1-[4-(5-phenyl-1,3,4-oxadiazol-2-yl)phenyl]-piperidine-4-carbonyl} piperazine;
1-Isopropyl-4-[1-(quinolin-6-yl)-piperidine-4-carbonyl] piperazine;

1-Cyclobutyl-4-[1-(6-trifluoromethylpyridin-3-yl)-piperidine-4-carbonyl]
piperazine;
1-Isopropyl-4-[1-(5-trifluoromethyl-pyrazin-2-yl)-piperidine-4-carbonyl]-
piperazine;
(S)-1-Isobutyl-4-[1-(4-cyanophenyl)-piperidine-4-carbonyl]-piperazine;
1-Isopropyl-4-[1-(4-cyclopropylcarbonylphenyl)-piperidine-4-carbonyl]-
piperazine;
1-Isopropyl-4-[1-(2-methyl-quinolin-6-yl)-piperidine-4-carbonyl]-piperazine;
1-Isopropyl-4-[1-(6-cyano-pyridin-3-yl)-piperidine-4-carbonyl]-piperazine;
1-Cyclobutyl-4-[1-(6-trifluoromethylpyridin-3-yl)-piperidine-4-carbonyl]-[1,4]-
diazepane;
1-Cyclobutyl-4-[1-(2-cyanopyridin-4-yl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(6-trifluoromethylpyridazin-3-yl)-piperidine-4-carbonyl]-[1,4]-
diazepane;
1-Isopropyl-4-[1-(5-trifluoromethylpyrazin-2-yl)-piperidine-4-carbonyl]-[1,4]-
diazepane;
1-Isopropyl-4-[1-[4-(2-methyl-1,3-oxazol-5-yl)phenyl]-piperidine-4-carbonyl]-
[1,4]-diazepane;
1-Isopropyl-4-[1-[4-(3-methyl-1,2,4-oxadiazol-5-yl)phenyl]-piperidine-4-
carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-acetamido-3-fluorophenyl)-piperidine-4-carbonyl]-[1,4]-
diazepane;
1-Cyclobutyl-4-[1-(4-acetylphenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Cyclobutyl-4-[1-(6-cyano-pyridin-3-yl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(6-cyano-pyridin-3-yl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(2-methyl-quinolin-4-yl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-[4-(3-methyl-1,2,4-oxadiazol-5-yl)phenyl]-piperidine-4-carbonyl]-
piperazine;
1-Isopropyl-4-[1-(2-trifluoromethylpyrimidin-5-yl)-piperidine-4-carbonyl]-[1,4]-
diazepane;
or a pharmaceutically acceptable salt or solvate thereof.

21. (Currently Amended) A compound of formula (I) as defined in claim 1
which is

1-Isopropyl-4-[1-(4-cyanophenyl)-piperidine-4-carbonyl]-piperazine;
1-Isopropyl-4-[1-(4-cyanophenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
(S)-1-Isopropyl-4-[1-(6-trifluoromethylpyridin-3-yl)-piperidine-4-carbonyl]-2-
methyl piperazine;
1-Isopropyl-4-[1-(4-acetylphenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
1-Isopropyl-4-[1-(4-propanoylphenyl)-piperidine-4-carbonyl]-[1,4]-diazepane;
or a pharmaceutically acceptable salt or solvate thereof.

22. (Currently Amended) A compound of formula (I) as defined in claim 1 which is

1-Isopropyl-4-[1-(6-trifluoromethylpyridin-3-yl)-piperidine-4-carbonyl]-piperazine;

1-Isopropyl-4-[1-(6-trifluoromethylpyridin-3-yl)-piperidine-4-carbonyl]-[1,4]-diazepane;

or a pharmaceutically acceptable salt or solvate thereof.

23. (Currently Amended) A pharmaceutical composition which comprises the compound of formula (I) as defined in ~~any one of claims 1 to 22~~ claim 1 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier or excipient.

24. (Cancelled)

25. (Cancelled)

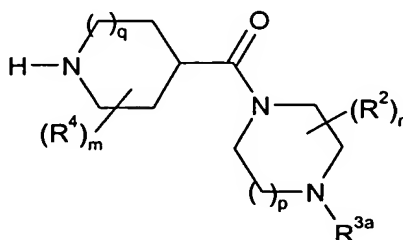
26. (Cancelled)

27. (Currently Amended) A method of treatment of neurological diseases which comprises administering to a host in need thereof an effective amount of a compound of formula (I) as defined in ~~any one of claims 1 to 22~~ claim 1 or a pharmaceutically acceptable salt thereof.

28. (Cancelled)

29. (Original) A process for the preparation of a compound of formula (I) or a pharmaceutically acceptable salt thereof, which process comprises:

(a) reacting a compound of formula (II)

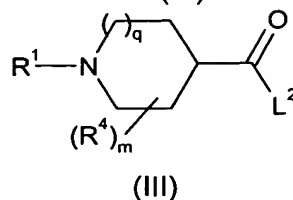


(II)

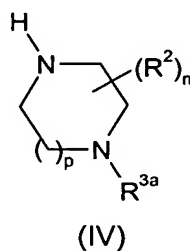
or an optionally activated or protected derivative thereof, wherein R^2 , R^4 , m , n , p and q are as defined in claim 1 and R^{3a} is as defined for R^3 in claim 1 or a group convertible to R^3 , with a compound of formula R^1-L^1 , wherein R^1 is as defined in claim

1 and L^1 represents a suitable leaving group, such as a halogen atom followed by a deprotection reaction as necessary; or

(b) reacting a compound of formula (III)



wherein R^1 , R^4 , m and q are as defined in claim 1 and L^2 represents OH or a suitable leaving group, such as a halogen atom, with a compound of formula (IV)



wherein R^2 , n and p are as defined in claim 1 R^{3a} is as defined for R^3 in claim 1 or a group convertible to R^3 ; or

(c) deprotecting a compound of formula (I) or converting groups which are protected; and optionally thereafter

(d) interconversion to other compounds of formula (I).